

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/848,107

DATE: 05/16/2001  
 TIME: 14:49:24

Input Set : A:\SEQLIST.TXT;SEQ  
 Output Set: N:\CRF3\05162001\I848107.raw

**ENTERED**

4 <110> APPLICANT: Persson, Egon  
 5 Olsen, Ole Hvilsted  
 7 <120> TITLE OF INVENTION: Human Coagulation Factor VII Variants  
 10 <130> FILE REFERENCE: 6176.200-US  
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/848,107  
 13 <141> CURRENT FILING DATE: 2001-05-03  
 15 <150> PRIOR APPLICATION NUMBER: PA 2000 00734  
 16 <151> PRIOR FILING DATE: 2000-05-03  
 18 <150> PRIOR APPLICATION NUMBER: PA 2000 01360  
 19 <151> PRIOR FILING DATE: 2000-09-13  
 21 <150> PRIOR APPLICATION NUMBER: 60/204,712  
 22 <151> PRIOR FILING DATE: 2000-05-16  
 24 <150> PRIOR APPLICATION NUMBER: 60/236,892  
 25 <151> PRIOR FILING DATE: 2000-09-29  
 27 <160> NUMBER OF SEQ ID NOS: 27  
 29 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 31 <210> SEQ ID NO: 1  
 32 <211> LENGTH: 426  
 33 <212> TYPE: PRT  
 34 <213> ORGANISM: Human  
 36 <400> SEQUENCE: 1  
 37 Ala Asn Ala Phe Leu Gly Leu Ala Gly Leu Ala Leu Arg Pro Gly Ser  
 38 1 5 10 15  
 39 Leu Gly Leu Ala Arg Gly Leu Ala Cys Lys Gly Leu Ala Gly Leu Ala  
 40 20 25 30  
 41 Gln Cys Ser Phe Gly Leu Ala Gly Leu Ala Ala Arg Gly Leu Ala Ile  
 42 35 40 45  
 43 Phe Lys Asp Ala Gly Leu Ala Arg Thr Lys Leu Phe Trp Ile Ser Tyr  
 44 50 55 60  
 45 Ser Asp Gly Asp Gln Cys Ala Ser Ser Pro Cys Gln Asn Gly Gly Ser  
 46 65 70 75 80  
 47 Cys Lys Asp Gln Leu Gln Ser Tyr Ile Cys Phe Cys Leu Pro Ala Phe  
 48 85 90 95  
 49 Glu Gly Arg Asn Cys Glu Thr His Lys Asp Asp Gln Leu Ile Cys Val  
 50 100 105 110  
 51 Asn Glu Asn Gly Gly Cys Glu Gln Tyr Cys Ser Asp His Thr Gly Thr  
 52 115 120 125  
 53 Lys Arg Ser Cys Arg Cys His Glu Gly Tyr Ser Leu Leu Ala Asp Gly  
 54 130 135 140  
 55 Val Ser Cys Thr Pro Thr Val Glu Tyr Pro Cys Gly Lys Ile Pro Ile  
 56 145 150 155 160  
 57 Leu Glu Lys Arg Asn Ala Ser Lys Pro Gln Gly Arg Ile Val Gly Gly  
 58 165 170 175  
 59 Lys Val Cys Pro Lys Gly Glu Cys Pro Trp Gln Val Leu Leu Leu Val  
 60 180 185 190  
 61 Asn Gly Ala Gln Leu Cys Gly Gly Thr Leu Ile Asn Thr Ile Trp Val  
 62 195 200 205

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63 Val Ser Ala Ala His Cys Phe Asp Lys Ile Lys Asn Trp Arg Asn Leu
64 210 215 220
65 Ile Ala Val Leu Gly Glu His Asp Leu Ser Glu His Asp Gly Asp Glu
66 225 230 235 240
67 Gln Ser Arg Arg Val Ala Gln Val Ile Ile Pro Ser Thr Tyr Val Pro
68 245 250 255
69 Gly Thr Thr Asn His Asp Ile Ala Leu Leu Arg Leu His Gln Pro Val
70 260 265 270
71 Val Leu Thr Asp His Val Val Pro Leu Cys Leu Pro Glu Arg Thr Phe
72 275 280 285
73 Ser Glu Arg Thr Leu Ala Phe Val Arg Phe Ser Leu Val Ser Gly Trp
74 290 295 300
75 Gly Gln Leu Leu Asp Arg Gly Ala Thr Ala Leu Glu Leu Met Val Leu
76 305 310 315 320
77 Asn Val Pro Arg Leu Met Thr Gln Asp Cys Leu Gln Gln Ser Arg Lys
78 325 330 335
79 Val Gly Asp Ser Pro Asn Ile Thr Glu Tyr Met Phe Cys Ala Gly Tyr
80 340 345 350
81 Ser Asp Gly Ser Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro His
82 355 360 365
83 Ala Thr His Tyr Arg Gly Thr Trp Tyr Leu Thr Gly Ile Val Ser Trp
84 370 375 380
85 Gly Gln Gly Cys Ala Thr Val Gly His Phe Gly Val Tyr Thr Arg Val
86 385 390 395 400
87 Ser Gln Tyr Ile Glu Trp Leu Gln Lys Leu Met Arg Ser Glu Pro Arg
88 405 410 415
89 Pro Gly Val Leu Leu Arg Ala Pro Phe Pro
90 420 425
92 <210> SEQ ID NO: 2
93 <211> LENGTH: 23
94 <212> TYPE: PRT
95 <213> ORGANISM: Human
97 <400> SEQUENCE: 2
98 Leu Asn Val Pro Arg Leu Met Thr Gln Asp Cys Leu Gln Gln Ser Arg
99 1 5 10 15
100 Lys Val Gly Asp Ser Pro Asn
101 20
103 <210> SEQ ID NO: 3
104 <211> LENGTH: 18
105 <212> TYPE: PRT
106 <213> ORGANISM: Human
108 <400> SEQUENCE: 3
109 Leu Lys Ala Pro Ile Leu Asp Asn Ser Ser Cys Lys Ser Ala Tyr Pro
110 1 5 10 15
111 Gly Gln
114 <210> SEQ ID NO: 4
115 <211> LENGTH: 18
116 <212> TYPE: PRT
117 <213> ORGANISM: Human

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119 <400> SEQUENCE: 4
120 Val Asn Leu Pro Ile Val Glu Arg Pro Val Cys Lys Asp Ser Thr Arg
121 1 5 10 15
122 Ile Arg
125 <210> SEQ ID NO: 5
126 <211> LENGTH: 18
127 <212> TYPE: PRT
128 <213> ORGANISM: Human
130 <400> SEQUENCE: 5
131 Leu Glu Val Pro Tyr Val Asp Arg Asn Ser Cys Lys Leu Ser Ser Ser
132 1 5 10 15
133 Phe Ile
136 <210> SEQ ID NO: 6
137 <211> LENGTH: 18
138 <212> TYPE: PRT
139 <213> ORGANISM: Human
141 <400> SEQUENCE: 6
142 Leu Met Thr Gln Asp Cys Leu Gln Gln Ser Arg Lys Val Gly Asp Ser
143 1 5 10 15
144 Pro Asn
147 <210> SEQ ID NO: 7
148 <211> LENGTH: 13
149 <212> TYPE: PRT
150 <213> ORGANISM: Human
152 <400> SEQUENCE: 7
153 Leu Asp Asn Ser Ser Cys Lys Ser Ala Tyr Pro Gly Gln
154 1 5 10
156 <210> SEQ ID NO: 8
157 <211> LENGTH: 13
158 <212> TYPE: PRT
159 <213> ORGANISM: Human
161 <400> SEQUENCE: 8
162 Val Glu Arg Pro Val Cys Lys Asp Ser Thr Arg Ile Arg
163 1 5 10
165 <210> SEQ ID NO: 9
166 <211> LENGTH: 13
167 <212> TYPE: PRT
168 <213> ORGANISM: Human
170 <400> SEQUENCE: 9
171 Val Asp Arg Asn Ser Cys Lys Leu Ser Ser Ser Phe Ile
172 1 5 10
174 <210> SEQ ID NO: 10
175 <211> LENGTH: 13
176 <212> TYPE: PRT
177 <213> ORGANISM: Human
179 <400> SEQUENCE: 10
180 Leu Asn Val Pro Arg Leu Met Thr Gln Asp Cys Leu Gln
181 1 5 10
183 <210> SEQ ID NO: 11

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RAW SEQUENCE LISTING                      DATE: 05/16/2001  
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Input Set : A:\SEQLIST.TXT;SEQ  
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184 <211> LENGTH: 13  
185 <212> TYPE: PRT  
186 <213> ORGANISM: Human  
188 <400> SEQUENCE: 11  
189 Leu Lys Ala Pro Ile Leu Asp Asn Ser Ser Cys Lys Ser  
190 1                      5                      10  
192 <210> SEQ ID NO: 12  
193 <211> LENGTH: 13  
194 <212> TYPE: PRT  
195 <213> ORGANISM: Human  
197 <400> SEQUENCE: 12  
198 Val Asn Leu Pro Ile Val Glu Arg Pro Val Cys Lys Asp  
199 1                      5                      10  
201 <210> SEQ ID NO: 13  
202 <211> LENGTH: 13  
203 <212> TYPE: PRT  
204 <213> ORGANISM: Human  
206 <400> SEQUENCE: 13  
207 Leu Glu Val Pro Tyr Val Asp Arg Asn Ser Cys Lys Leu  
208 1                      5                      10  
210 <210> SEQ ID NO: 14  
211 <211> LENGTH: 8  
212 <212> TYPE: PRT  
213 <213> ORGANISM: Human  
215 <400> SEQUENCE: 14  
216 Leu Met Thr Gln Asp Cys Leu Gln  
217 1                      5  
219 <210> SEQ ID NO: 15  
220 <211> LENGTH: 8  
221 <212> TYPE: PRT  
222 <213> ORGANISM: Human  
224 <400> SEQUENCE: 15  
225 Leu Asp Asn Ser Ser Cys Lys Ser  
226 1                      5  
228 <210> SEQ ID NO: 16  
229 <211> LENGTH: 8  
230 <212> TYPE: PRT  
231 <213> ORGANISM: Human  
233 <400> SEQUENCE: 16  
234 Val Glu Arg Pro Val Cys Lys Asp  
235 1                      5  
237 <210> SEQ ID NO: 17  
238 <211> LENGTH: 8  
239 <212> TYPE: PRT  
240 <213> ORGANISM: Human  
242 <400> SEQUENCE: 17  
243 Val Asp Arg Asn Ser Cys Lys Leu  
244 1                      5  
246 <210> SEQ ID NO: 18

RAW SEQUENCE LISTING                      DATE: 05/16/2001  
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Input Set : A:\SEQLIST.TXT;SEQ  
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247 <211> LENGTH: 25
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Synthetic
254 <400> SEQUENCE: 18
255 cgtgccccgg gtgatgaccc aggac                25
257 <210> SEQ ID NO: 19
258 <211> LENGTH: 25
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Synthetic
265 <400> SEQUENCE: 19
266 gtctggggtc atcaccggg gcacg                25
268 <210> SEQ ID NO: 20
269 <211> LENGTH: 36
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence
273 <220> FEATURE:
274 <223> OTHER INFORMATION: Synthetic
276 <400> SEQUENCE: 20
277 tctagatacc cagtcttgcc tgcagcagtc acggaa    36
279 <210> SEQ ID NO: 21
280 <211> LENGTH: 36
281 <212> TYPE: DNA
282 <213> ORGANISM: Artificial Sequence
284 <220> FEATURE:
285 <223> OTHER INFORMATION: Synthetic
287 <400> SEQUENCE: 21
288 ttccgtgact gctgcaggca agactgggta tctaga    36
290 <210> SEQ ID NO: 22
291 <211> LENGTH: 26
292 <212> TYPE: DNA
293 <213> ORGANISM: Artificial Sequence
295 <220> FEATURE:
296 <223> OTHER INFORMATION: Synthetic
298 <400> SEQUENCE: 22
299 ccgtgggccca ccctgggggtg tacacc            26
301 <210> SEQ ID NO: 23
302 <211> LENGTH: 26
303 <212> TYPE: DNA
304 <213> ORGANISM: Artificial Sequence
306 <220> FEATURE:
307 <223> OTHER INFORMATION: Synthetic
309 <400> SEQUENCE: 23
310 ggtgtacacc ccagggtggc ccacgg              26
312 <210> SEQ ID NO: 24
313 <211> LENGTH: 31

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/848,107

DATE: 05/16/2001

TIME: 14:49:26

Input Set : A:\SEQLIST.TXT;SEQ

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number